



# **ATV520**

# **User Manual**

V1.1

# **ATV520 Enjoy TV Box User Manual**

## **V1.0**

### **Introduction**

The ATV520, also called Dual core Android TV box, is a box connected to your TV HDMI input that turn your TV to a multifunction smart TV: a media player, an internet browser with big view, a photo viewer, a game player, a music player, a huge size screen E-book / E-magazine / newspaper reader, an online video TV, and it is a revolutionary entertainment on your TV. It provides a new family television entertainment experience. TV is smart from now on.

The box is using ARM Dual CORTEX A9x2 CPU, based on Android 4.1 operating system.

### **Features**

ARM CORTEX A9x2, frequency is 1.2GHz, 1G RAM, built in 4G flash memory

Powered by Android 4.1

Built in 802.11b/g/n WIFI module, wireless Internet access

Support 1080P video playback

HDMI 1.4 video output, connect to HDTV for HD video playback

Support weather, calendar, and desktop clock gargets

Support 2.4G wireless motion (also called air or sky) remote control

Support flash player 10.2 hardware decoding version and flash player 11.1 software decoding version for online video playing back

Support music player, picture player and more family entertainment

Support micro SD card

Support Google Chrome browser

AppInstaller for application installation from USB/SD

Video format support:

DAT/MPEG/MPE/MPG/M2V/ISO/TS/VOB/AVI/MKV/MP4/MOV/3GP/3GPP/FLC/AVI/WMA/TS/M2TS/M3TS/M4TS/M5TS/MTS/M4V/FLV/3G2/PCM/AFS/RM/RMVB/AVS/WebM.

Audio format support:

MP3/WMA/WAV/OGG/OGA/FLAC/ALAC/APE/AAC/M4A/RM/AC3/DTS

Image format support:

JPEG/BMP/GIF/PNG/TIF

## Accessories

ATV520 \*1

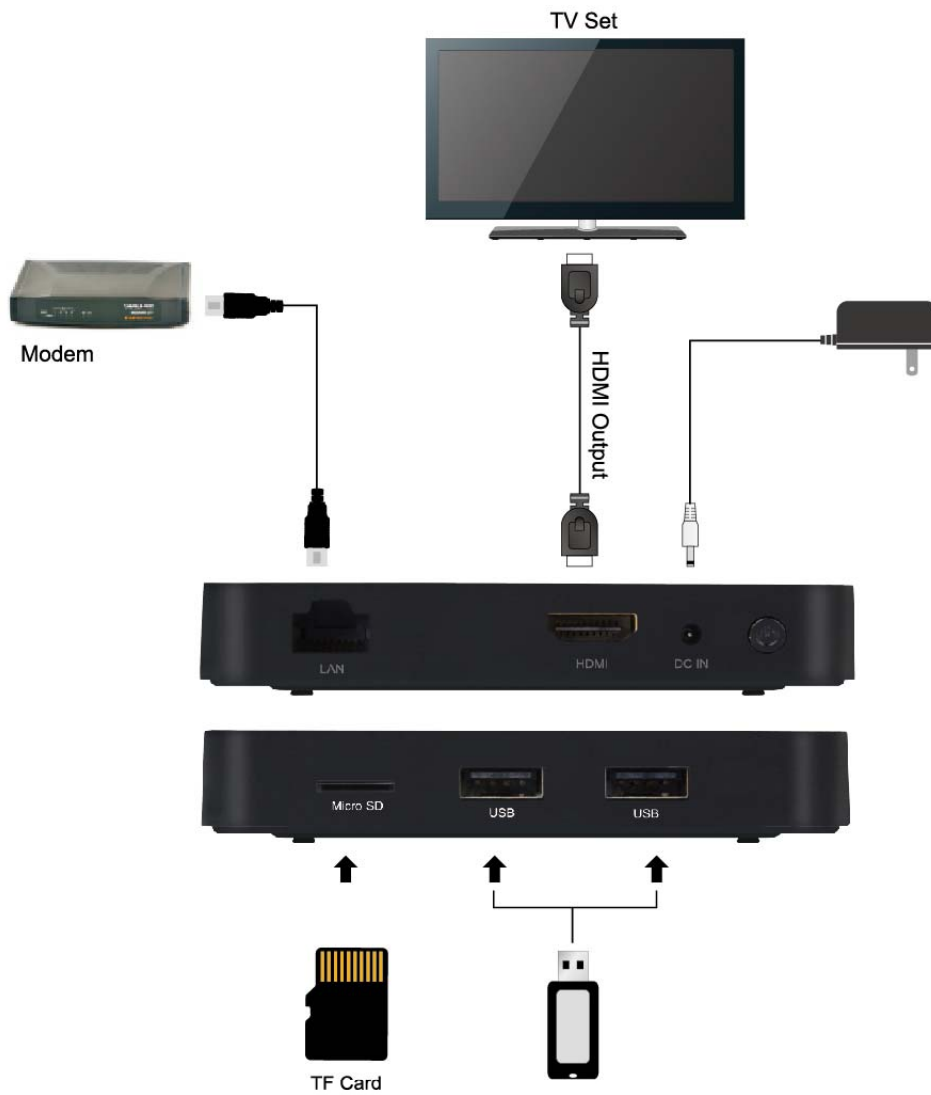
IR remote control(KR32) \*1

Power adapter \*1

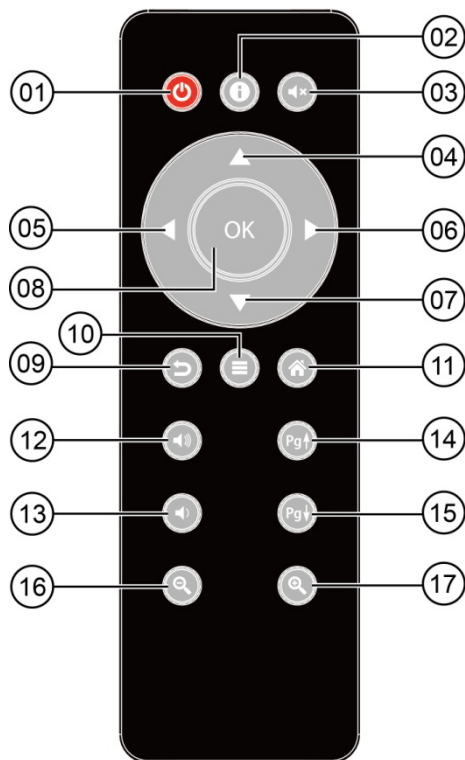
HDMI Cable (optional)

Quick Installation Guide \*1

## Connection



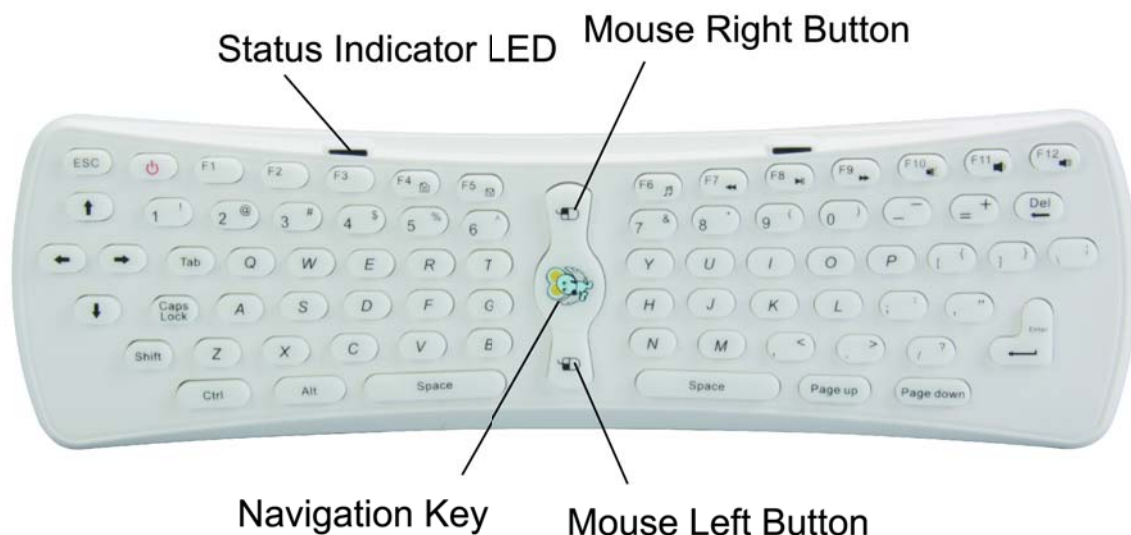
**Remote control**  
**iRemote KR32**



- [01] Standby
- [02] Notification
- [03] Mute
- [04] UP
- [05] Left
- [06] Right
- [07] Down
- [08] OK
- [09] Return

- [10] Menu
- [11] home
- [12]VOL+
- [13]VOL-
- [14]Page+
- [15]Page-
- [16]Zoom out
- [17]Zoom in

**Motion Mouse with QWERT Keyboard (for optional)**



#### Status Indicator LED:

If the LED keep shining, it means the connection is successful and Motion Mouse with QWERT is working

If the LED is flashing quickly, it means the batteries are low, please replace with new one.

Functional buttons.

F1: MENU

F2: HOME

F3: NOTIFICATION

F4: BROWSER/SEARCH

F5: MAIL

F6: MUSIC

F7: ZOOM IN/Fast Backward

F8: PLAY/PAUSE

F9: ZOOM OUT/Fast Forward

F10: MUTE

F11: VOL--

F12: VOL++

[] Power: No function on Android ICS 4.0

[] mouse navigation key: Double press to active remote control, and press one time to lock.

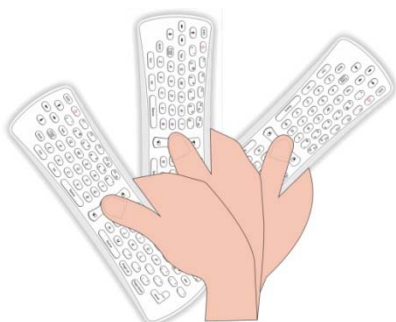
[] Mouse left button

[] Mouse right button

How to use

Point the arrow buttons to your TV. When you use it at the first time, just need to double press

mouse navigation key, then it will work.



If you can't use remote control any more, please do as below:

Initializing remote control:

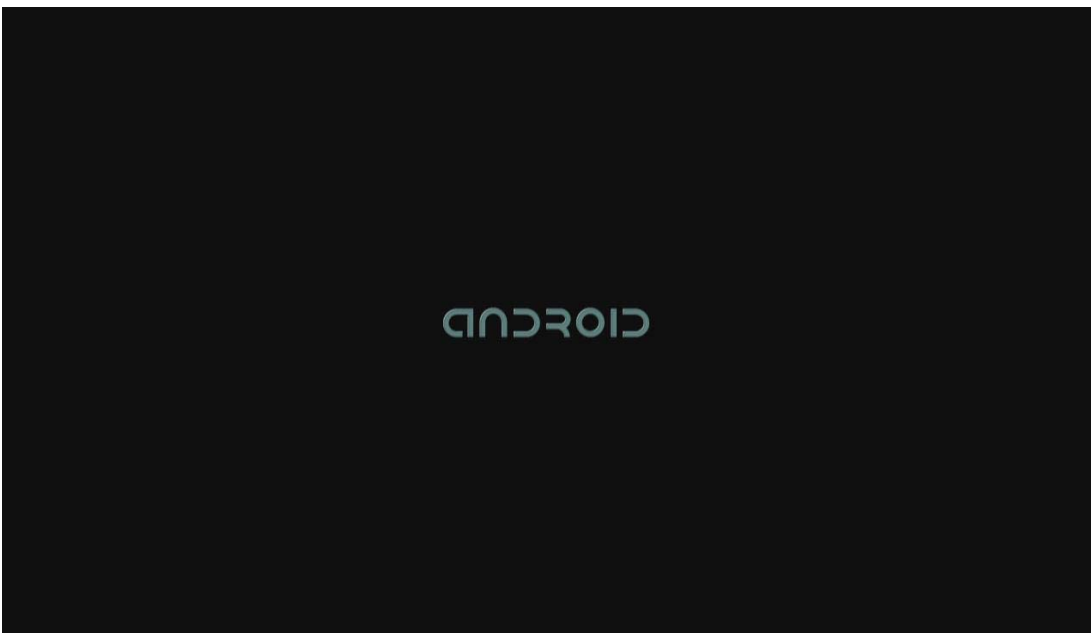
Press<ESC> key and <G>key on the keyboard together, LED keeps shining, after 5 seconds, LED will be off and on again, then do next step.

Checking Codes:

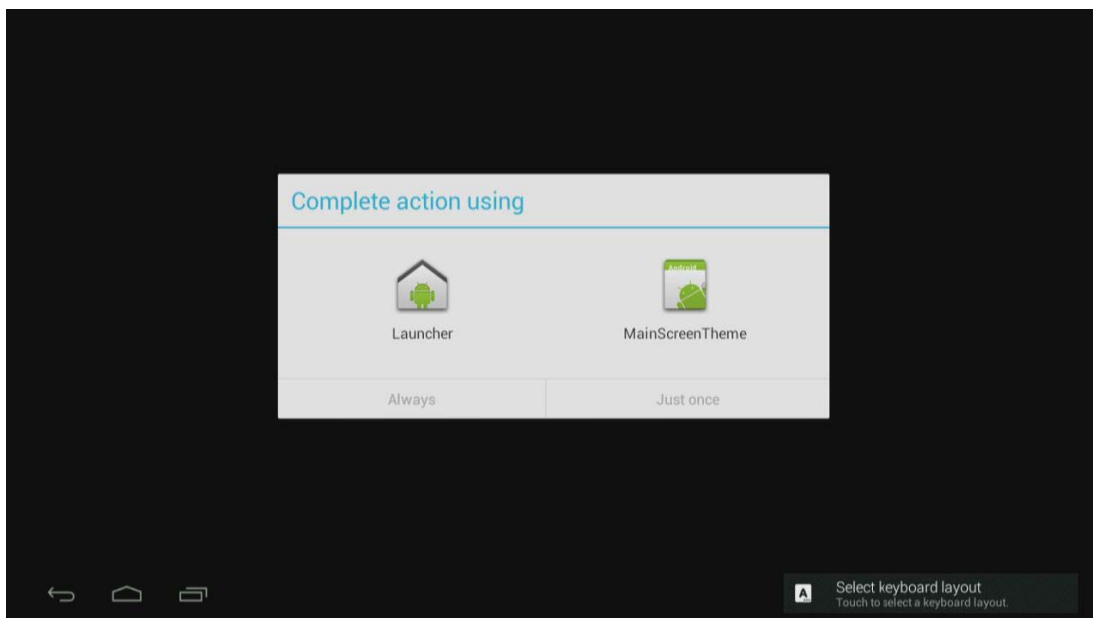
Press <Y> key and <“> key on the keyboard together, LED keeps shining, after 5 seconds, LED will be off and enter into checking codes status. Then, it works.

## Start Up

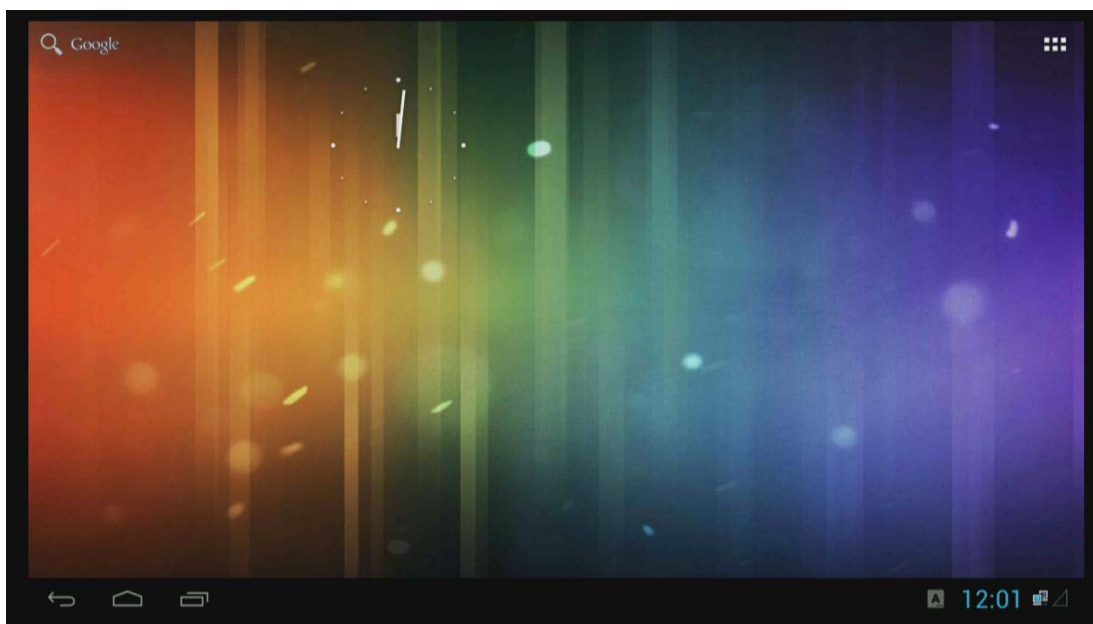
- 1 Plug in power adapter, and connect Enjoy TV Box to TV via HDMI cable.
- 2 There are two screens appear while starting, first screen is robotic logo, second is android text logo.



- 3 Home screen  
Two launchers for option.



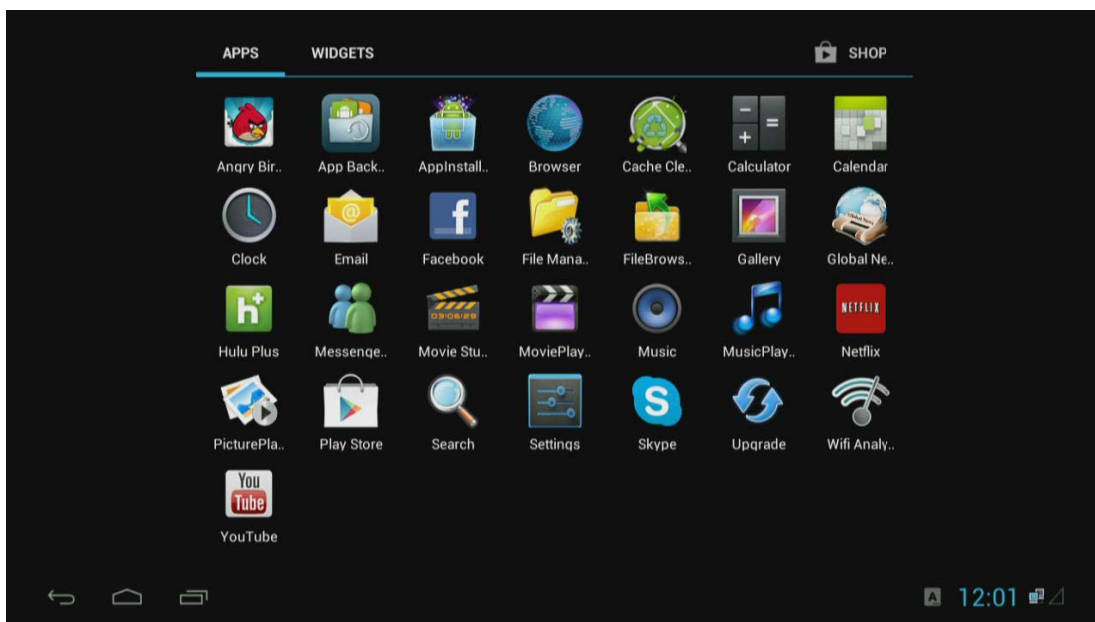
First one



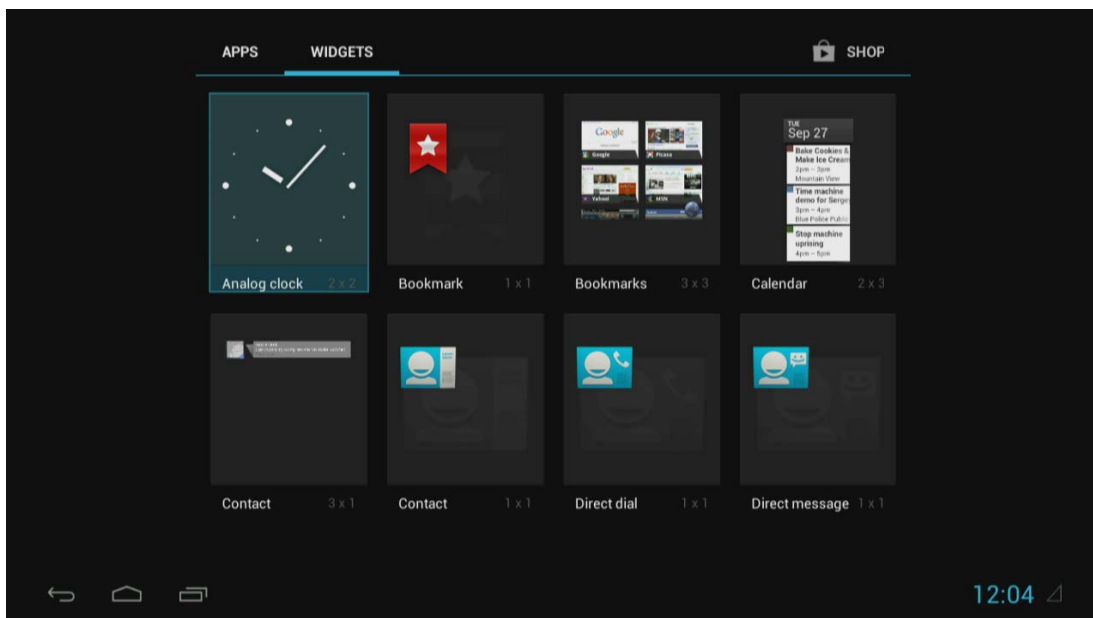
Second one



APP list, you can install any other apps you want.



Widgets screen



## Settings

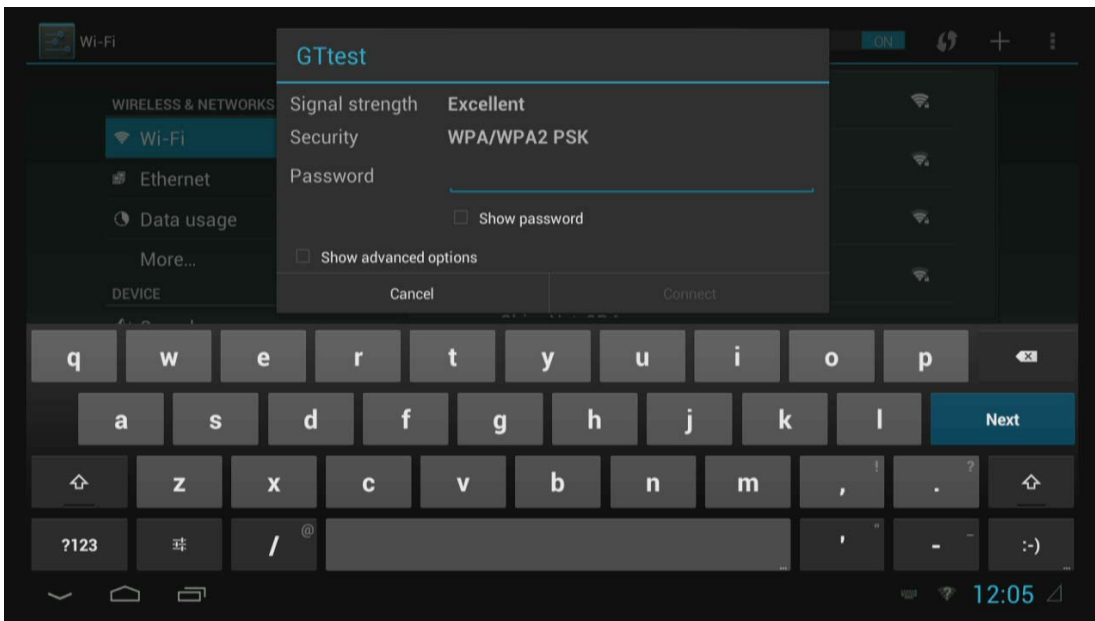
Settings provides individual preference setting functions.

### 1. Wi-Fi

It will scan ambient Wi-Fi networks automatically when you click OFF to turn on Wi-Fi.



Choose one encrypted or opened Wi-Fi network to connect

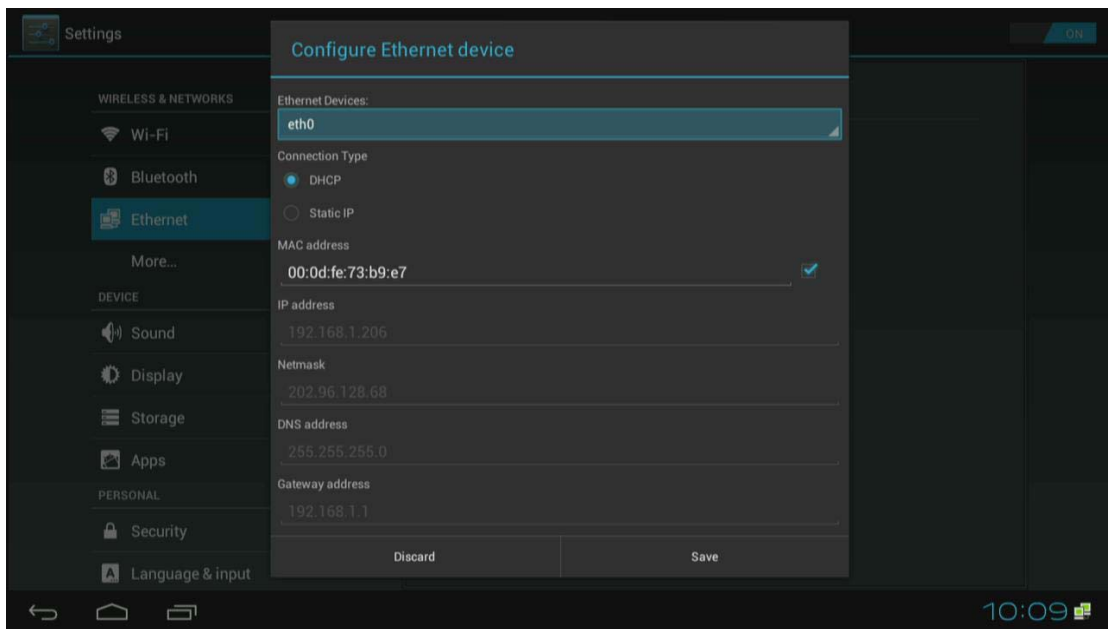
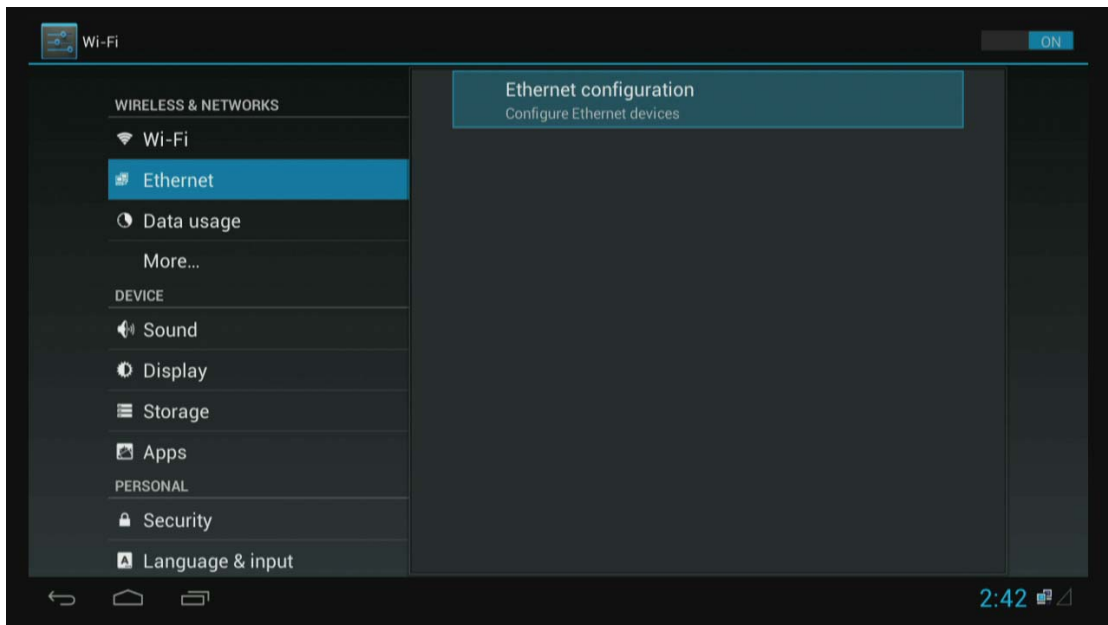


Once network is working, you will see  icon in the right corner of the screen.

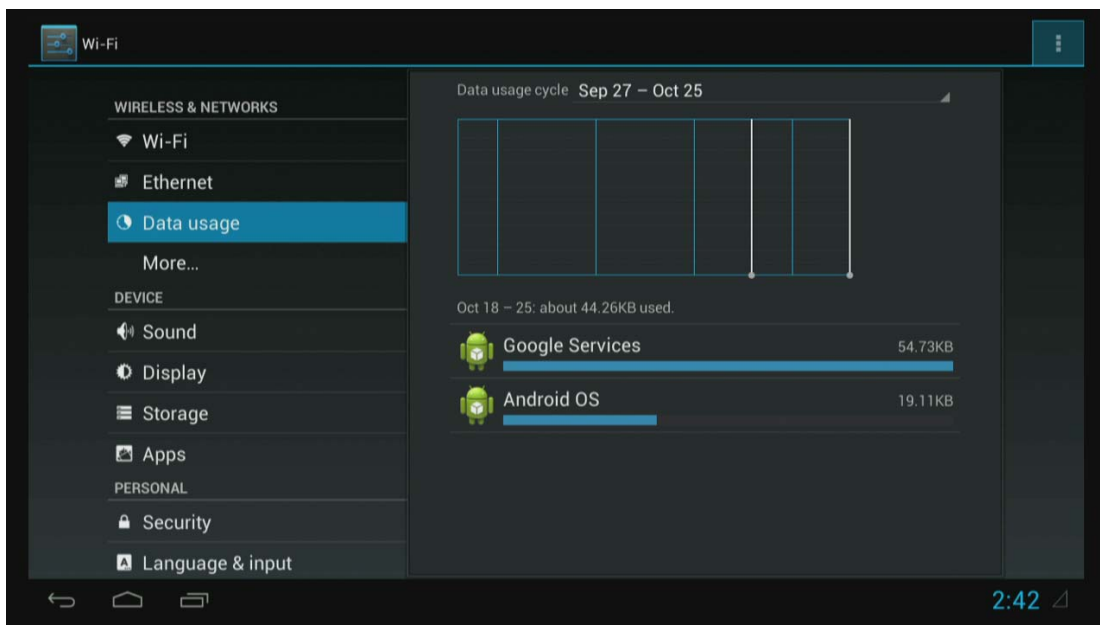


## 2. Ethernet

Plug the network cable to RJ45 port, click OFF button to turn on Ethernet, you will see  icon in the right corner of the screen, once the box is connected to network, above icon will become green .

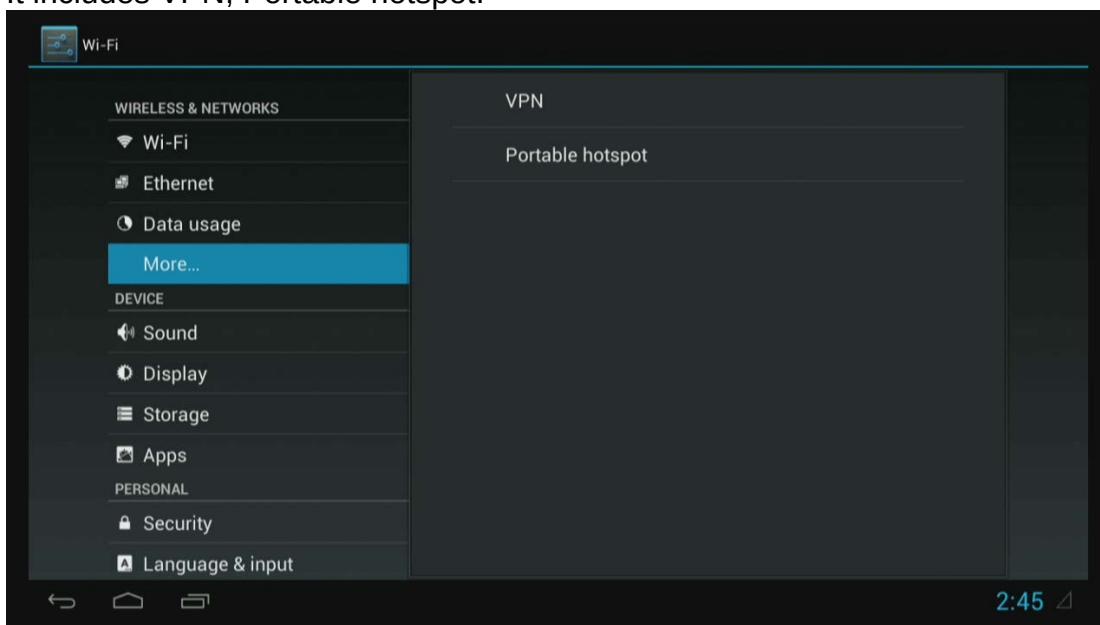


3. Data usage  
Show data usage information.

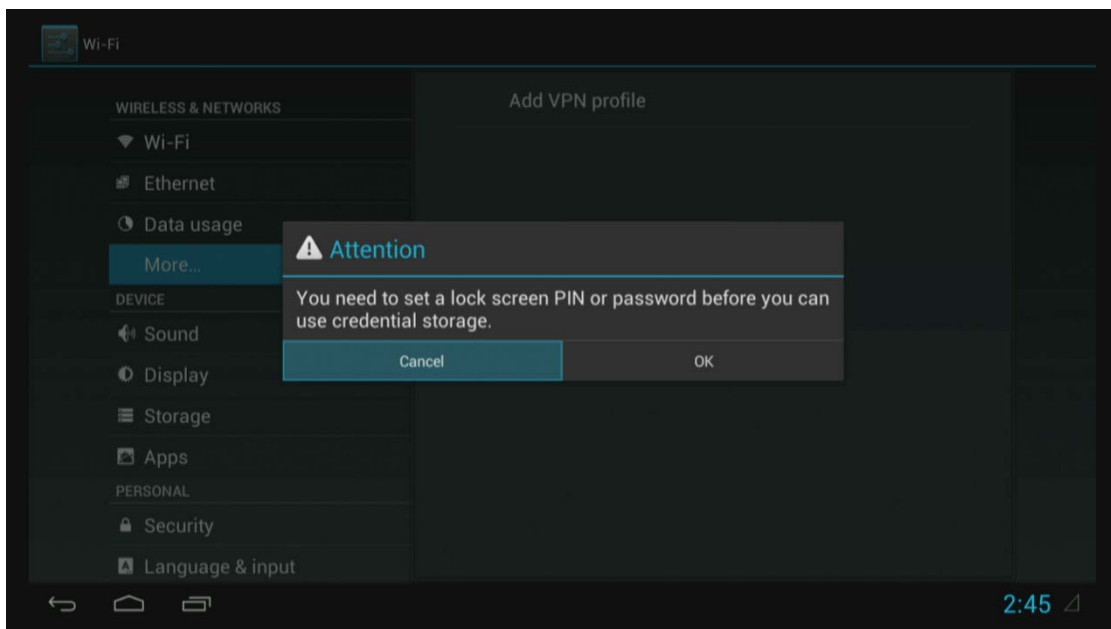


#### 4. More

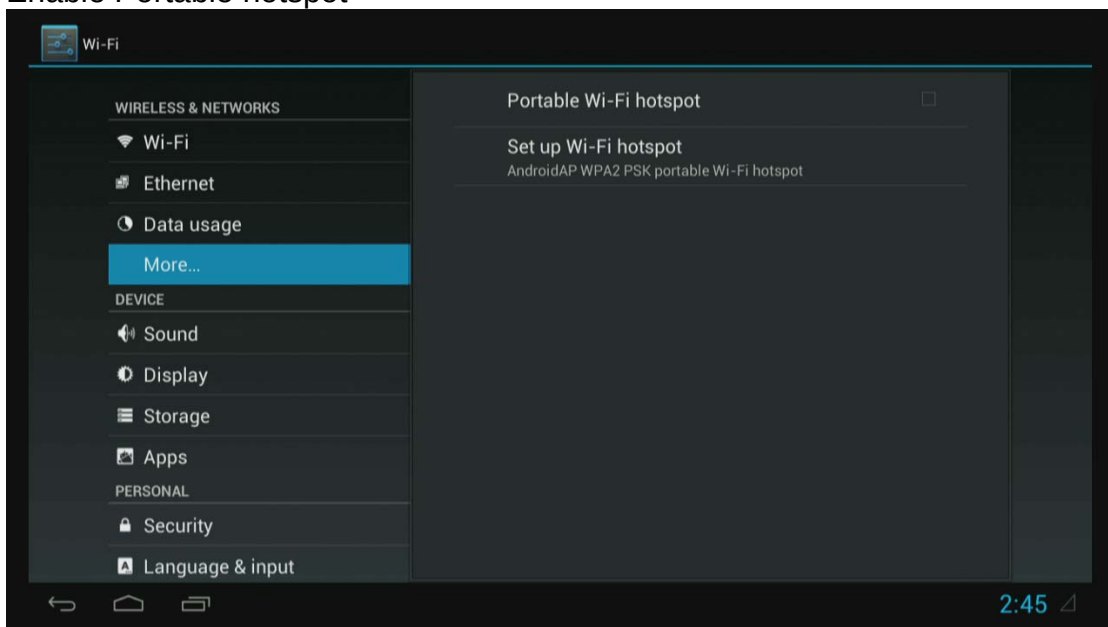
It includes VPN, Portable hotspot.



Add VPN profile



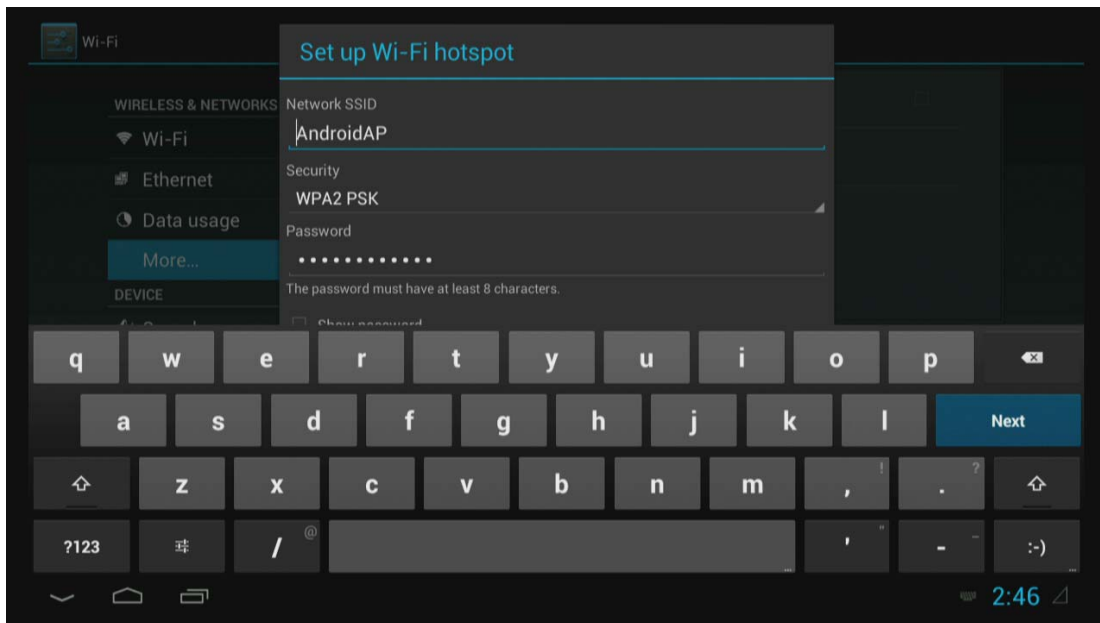
## Enable Portable hotspot



Set up Wi-Fi hotspot.

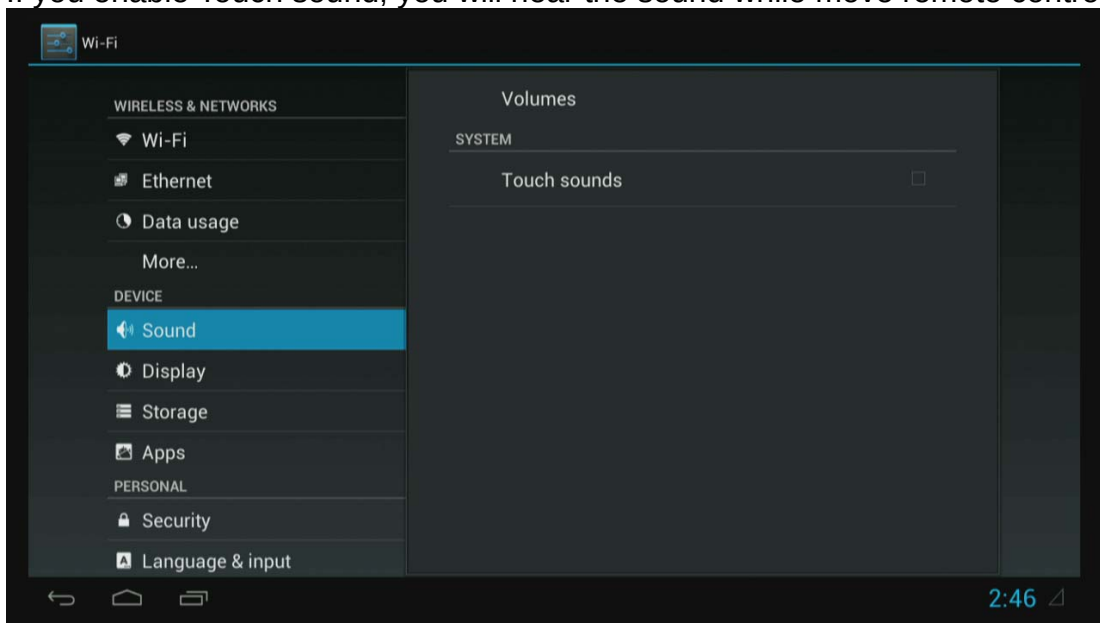
Choose different security way to share your network.

Please note you need to disconnect Wi-Fi and connect Ethernet while using hotspot function. Wi-Fi and hotspot connection can't be existed at the same time.



## 5. Sound

If you enable Touch sound, you will hear the sound while move remote control.

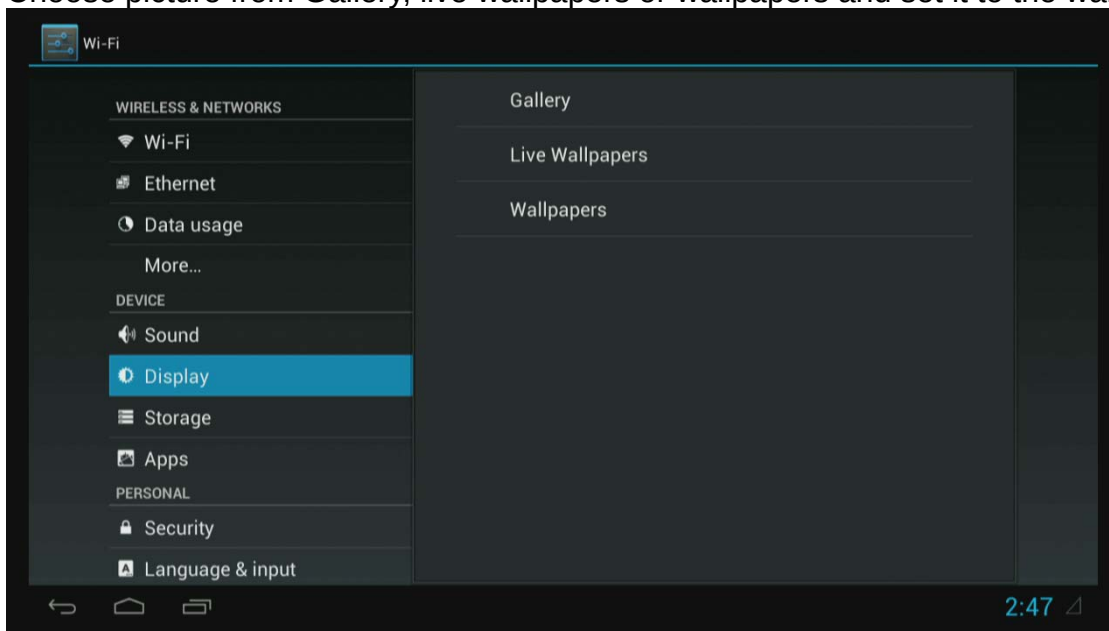


## 6. Display

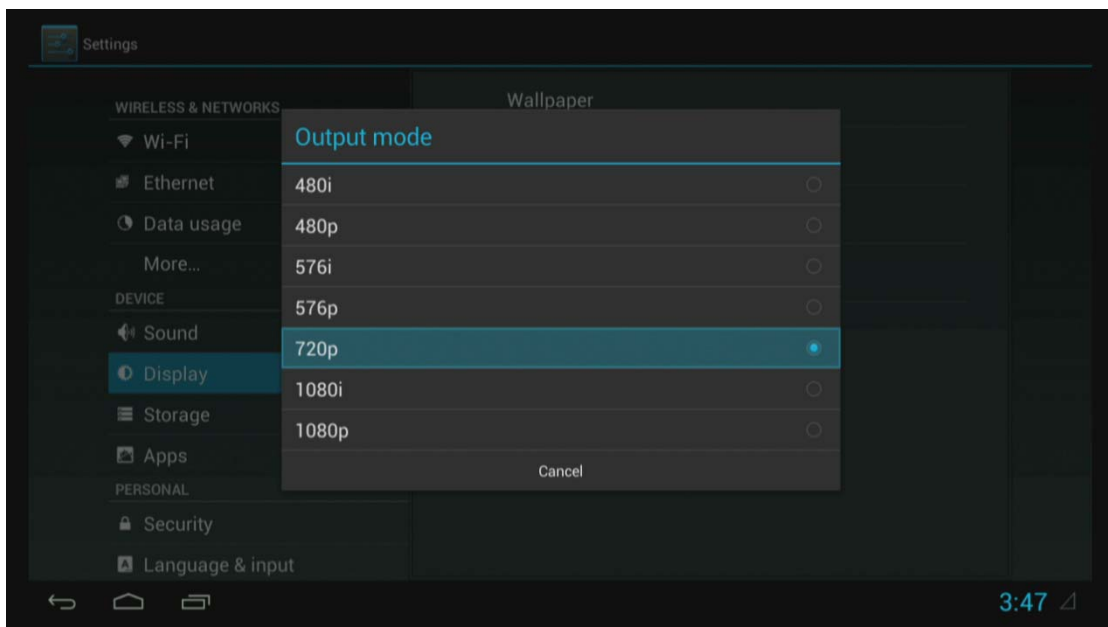
Set wallpaper, output mode, display position and font size.



Choose picture from Gallery, live wallpapers or wallpapers and set it to the wallpaper.



Output mode  
The default resolution is 720P



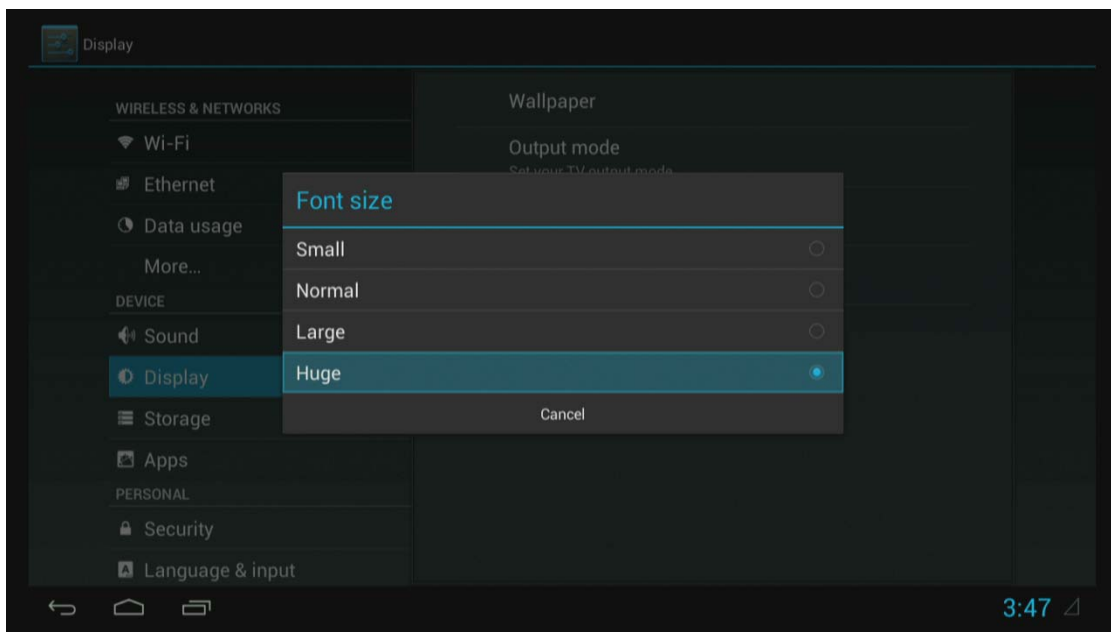
### Display position

Use direction and Enter/Ok buttons on remote control to adjust display position when the screen is not display as full screen on your TV.



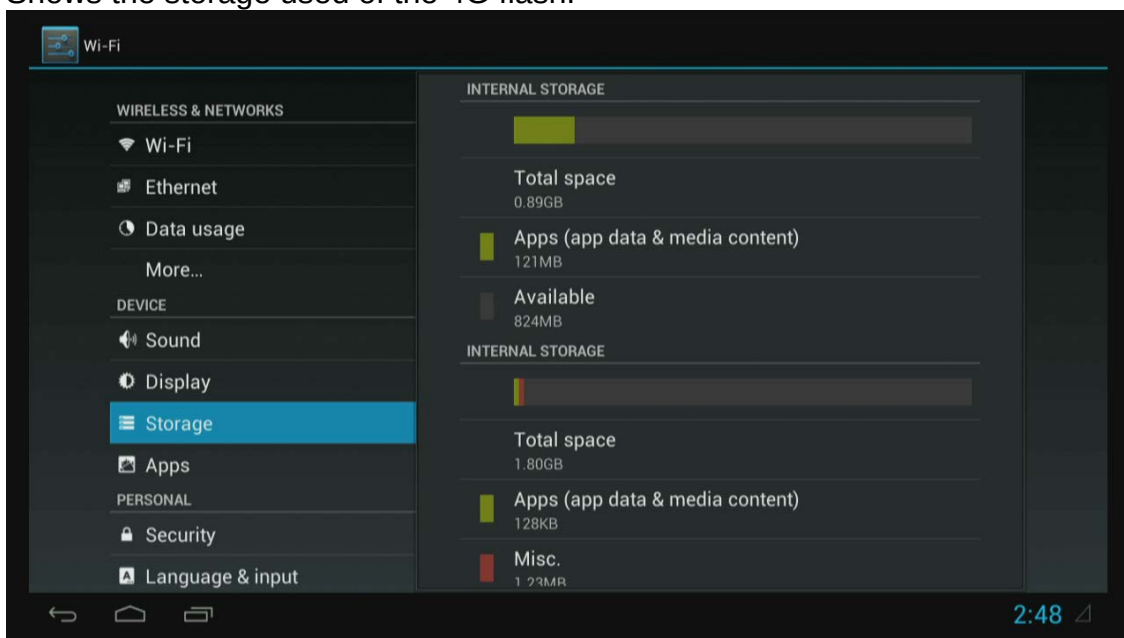
### Font size

Change the font size of OSD.



## 7. Storage

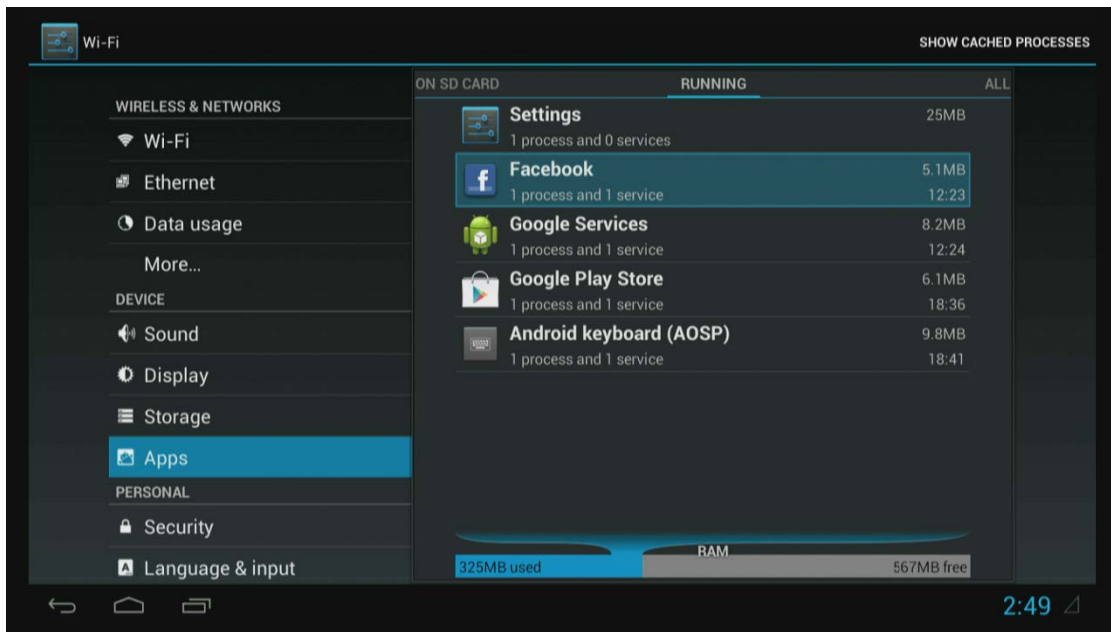
Shows the storage used of the 4G flash.



## 8. Apps

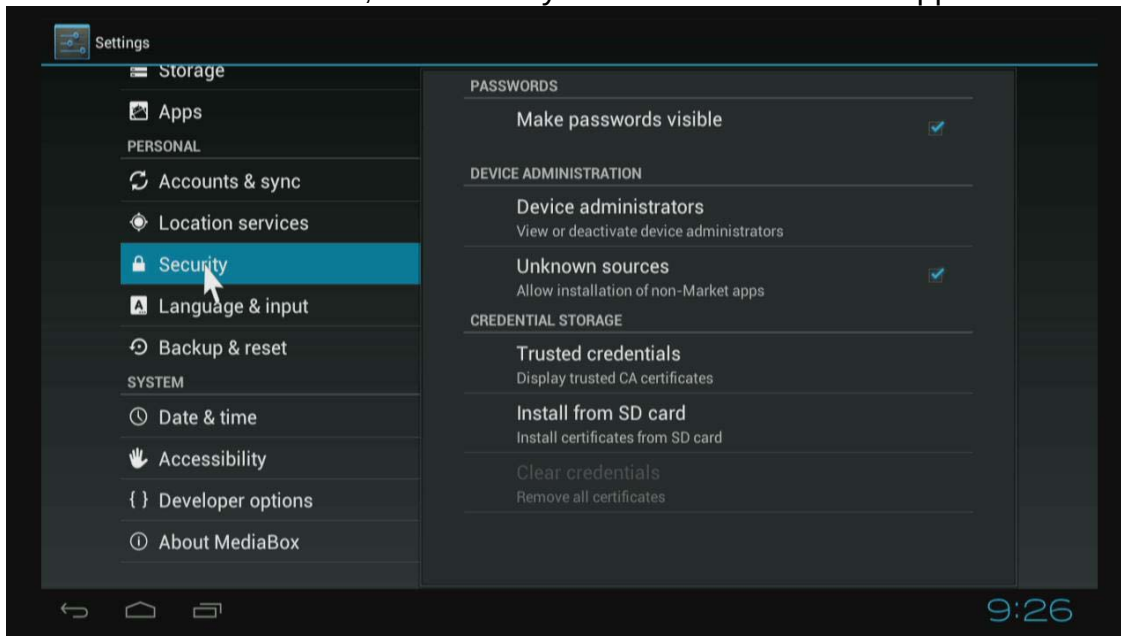
List all apps on different status.

And, you can check the free RAM which click RUNNING module.



## 9. Security

Enable unknown sources, it will allow you to install non-market apps.

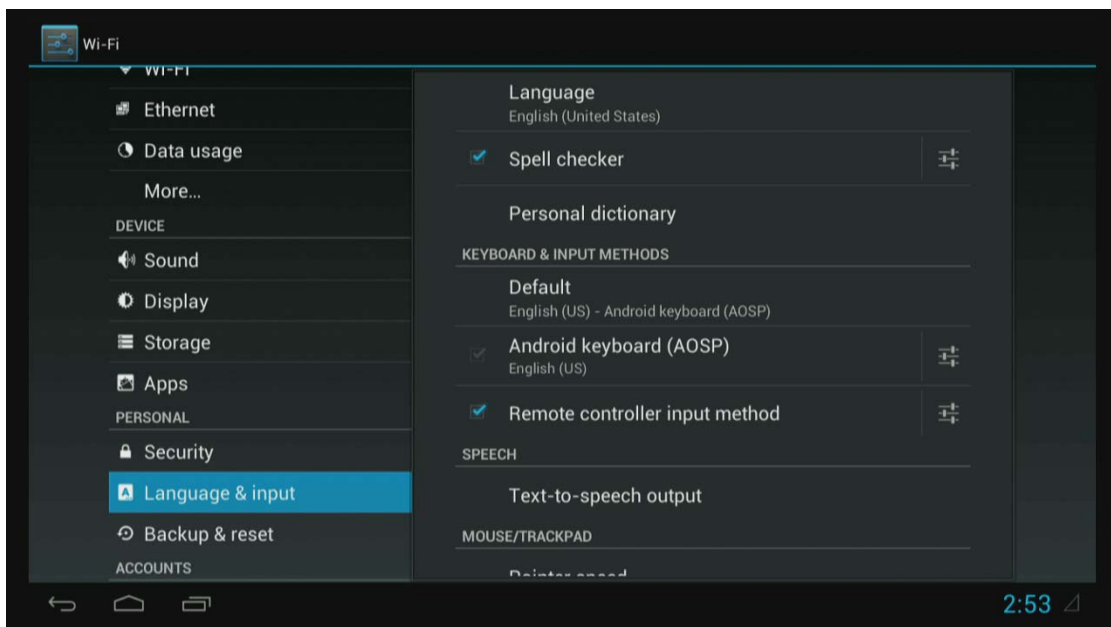


## 10. Language & input

Change OSD language and input method.

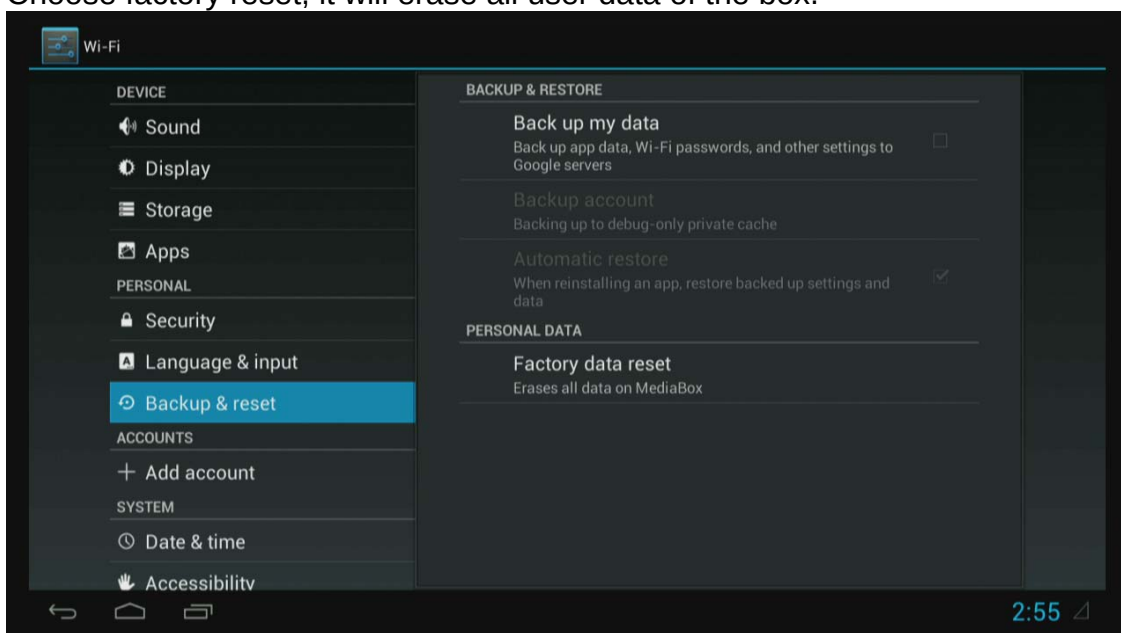
The default input method is android standard keyboard.

If you are using our IR remote control, enter into "Default" option and switch to remote controller input method.



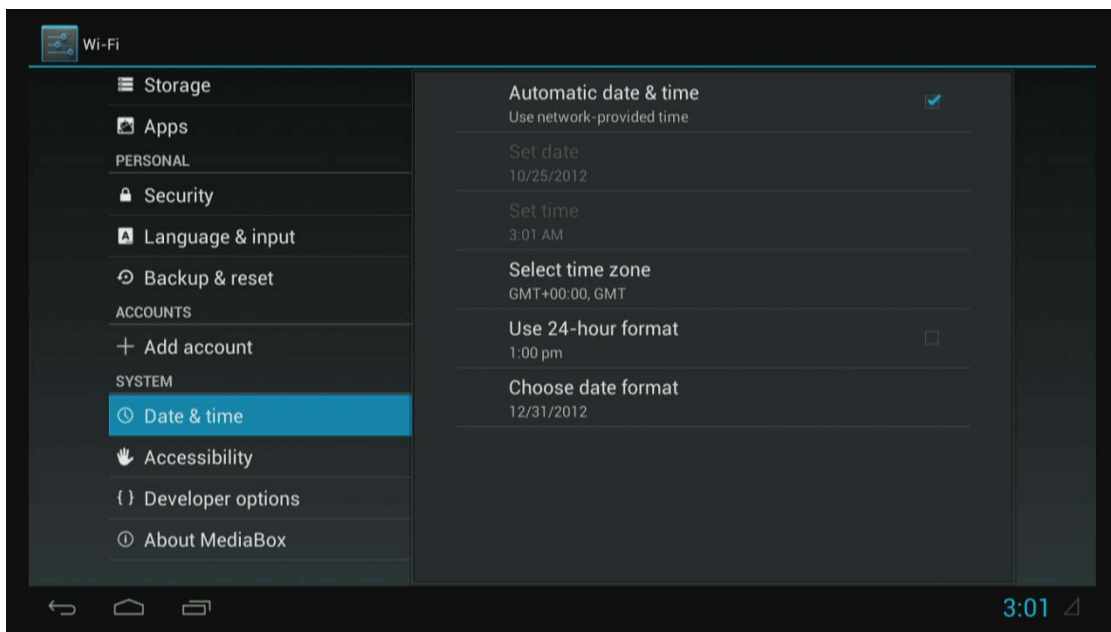
## 11. Backup & reset

Choose factory reset, it will erase all user data of the box.



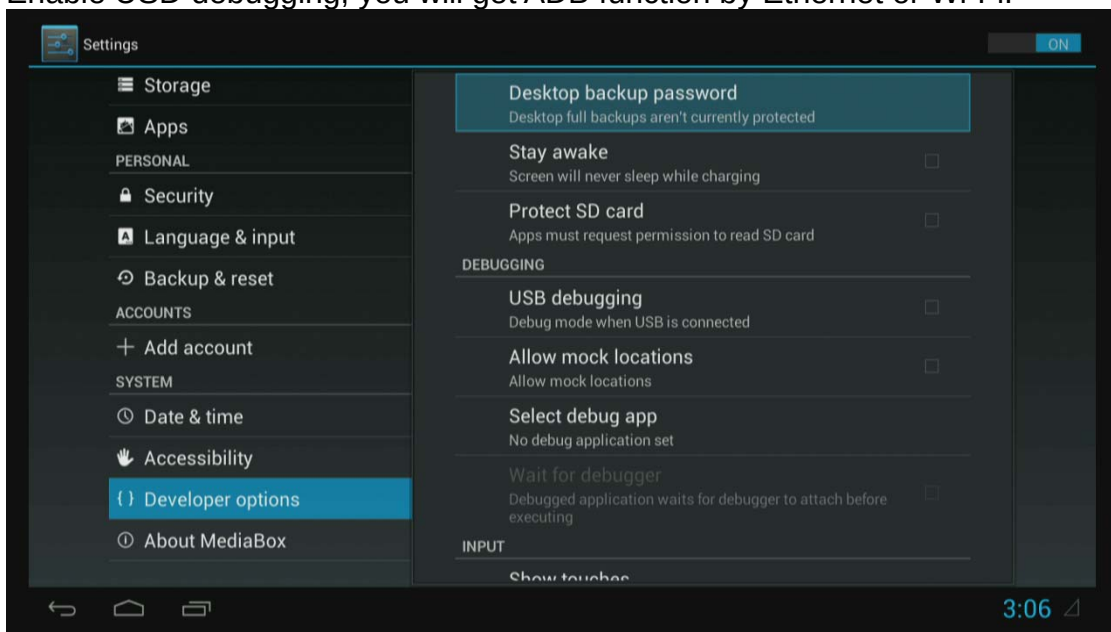
## 12. Data & Time

Set the time of the box.

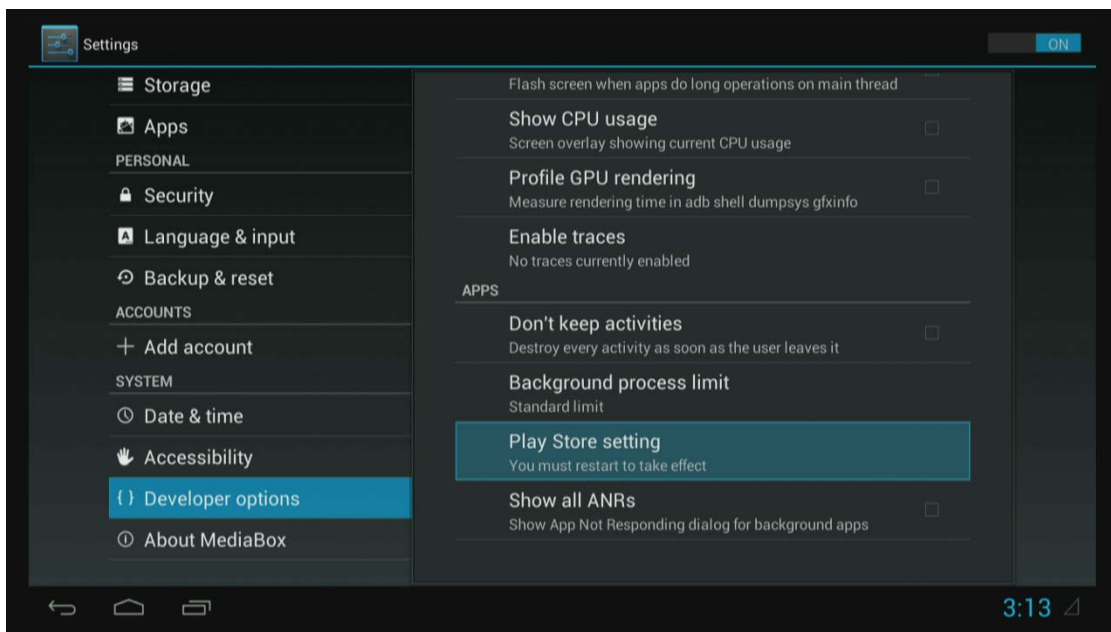


### 13. Developer options

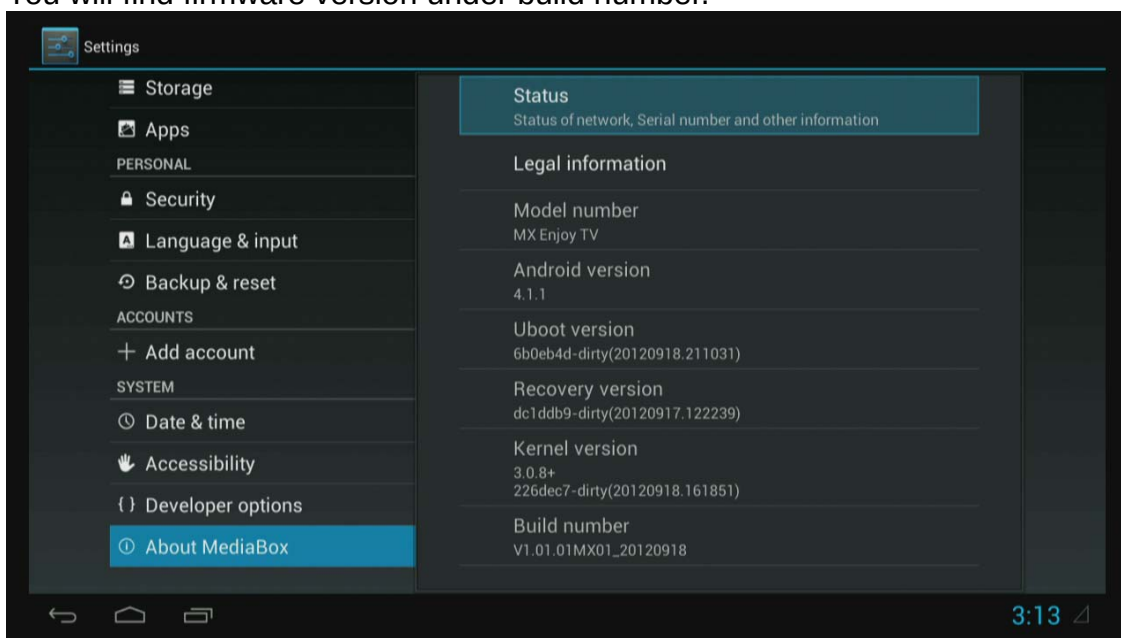
If you are a developer of android OS, and you need to do some debug on the box. Enable USB debugging, you will get ADB function by Ethernet or Wi-Fi.



And, you also can change the area of Google play store in Play Store setting.

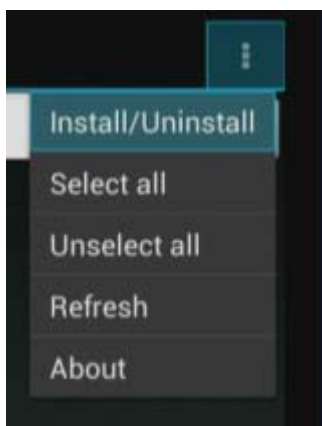
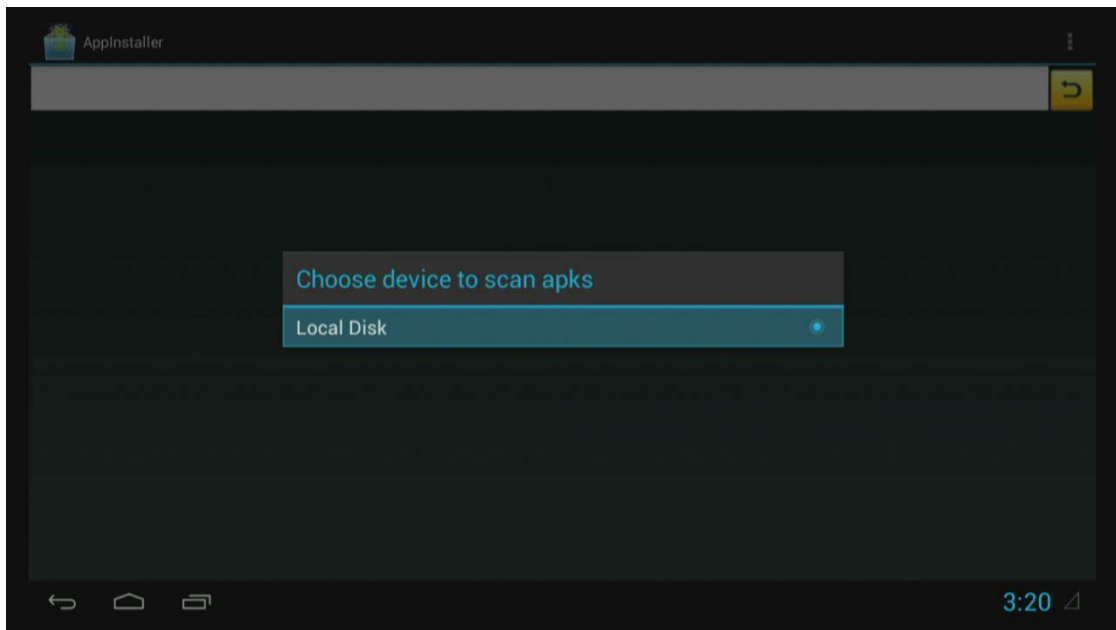


14. About Media Box.  
You will find firmware version under build number.

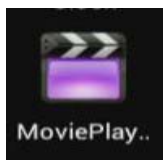


AppInstaller

Install apk from external SD card / USB disk /USB HDD.



## Movie player



Play videos from SD card, USB disk and USB / SATA HDD

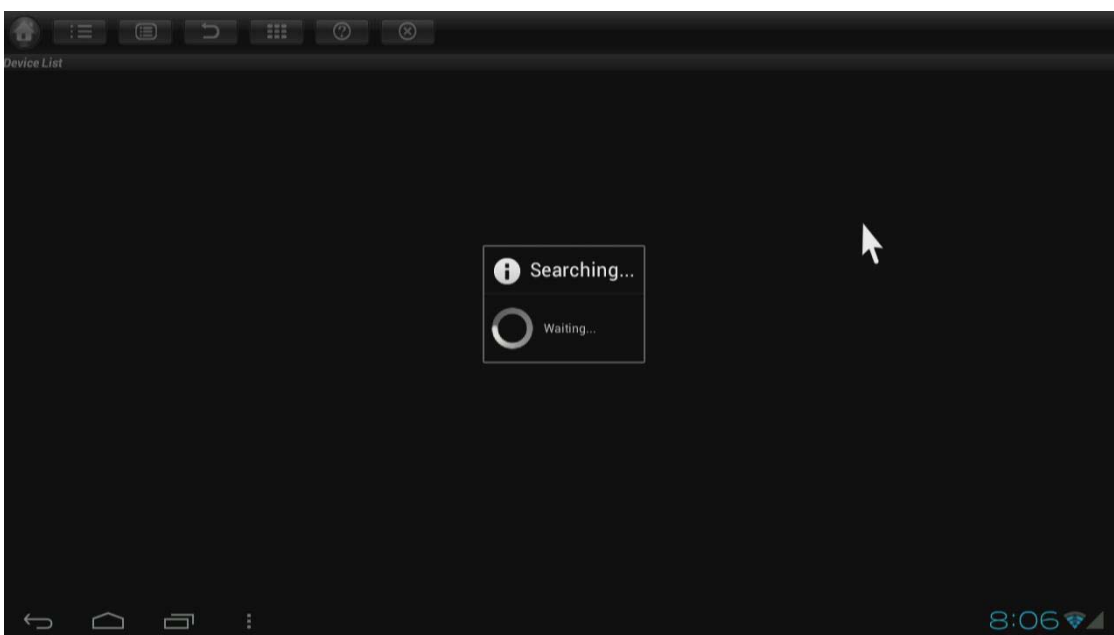


Click  button to change video mode, subtitle, audio track, and get video information and so on.

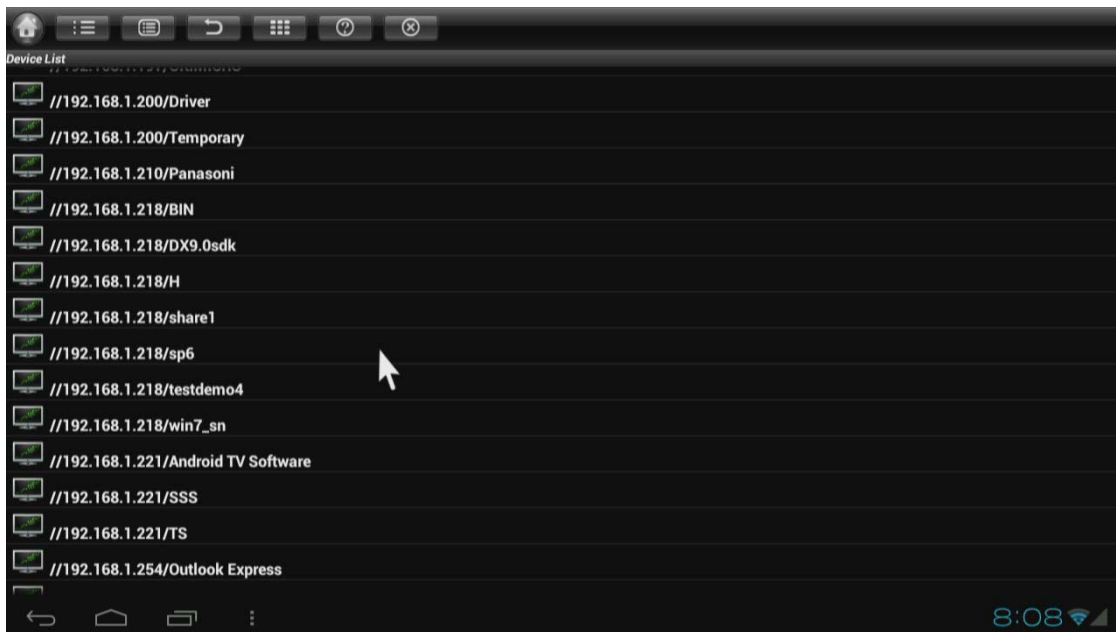
### Network (SAMBA function)



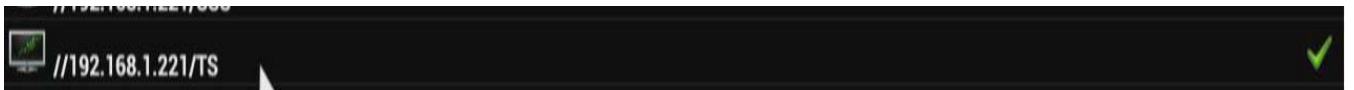
When you open network app at the first time, it will scan all shared folders in local area network.



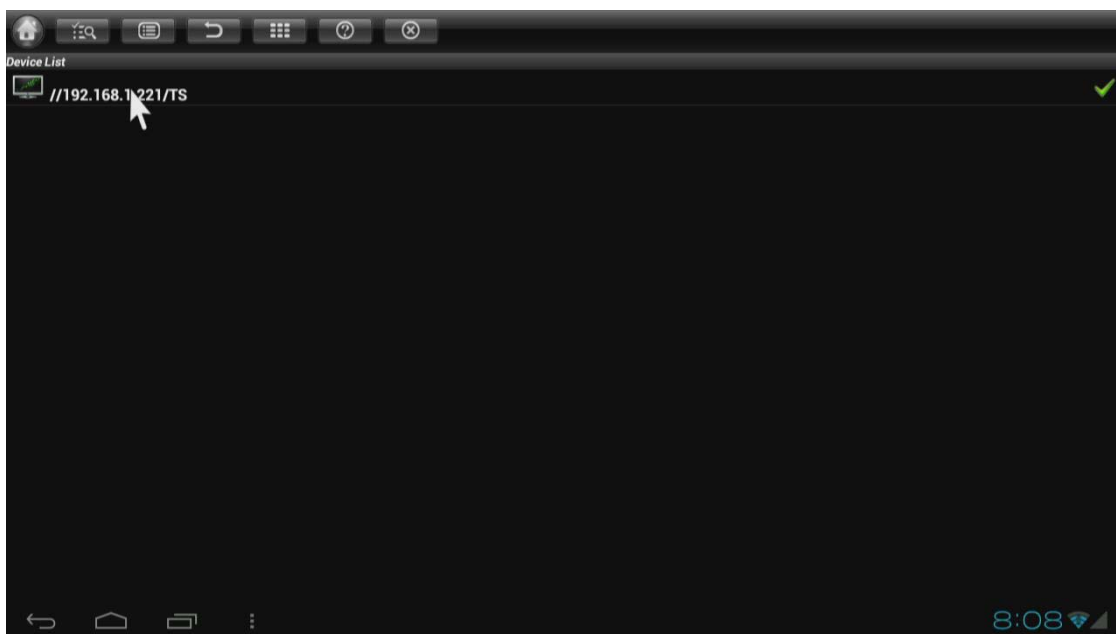
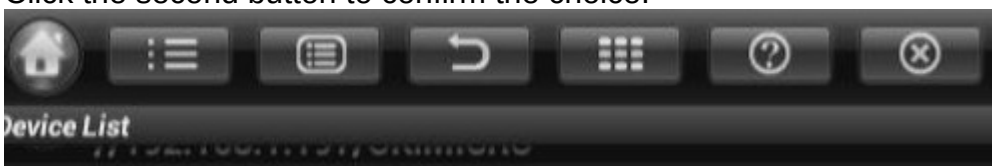
Scanned shared folders



Choose one of them, you will see a green icon appeared on the right.



Click the second button to confirm the choice.

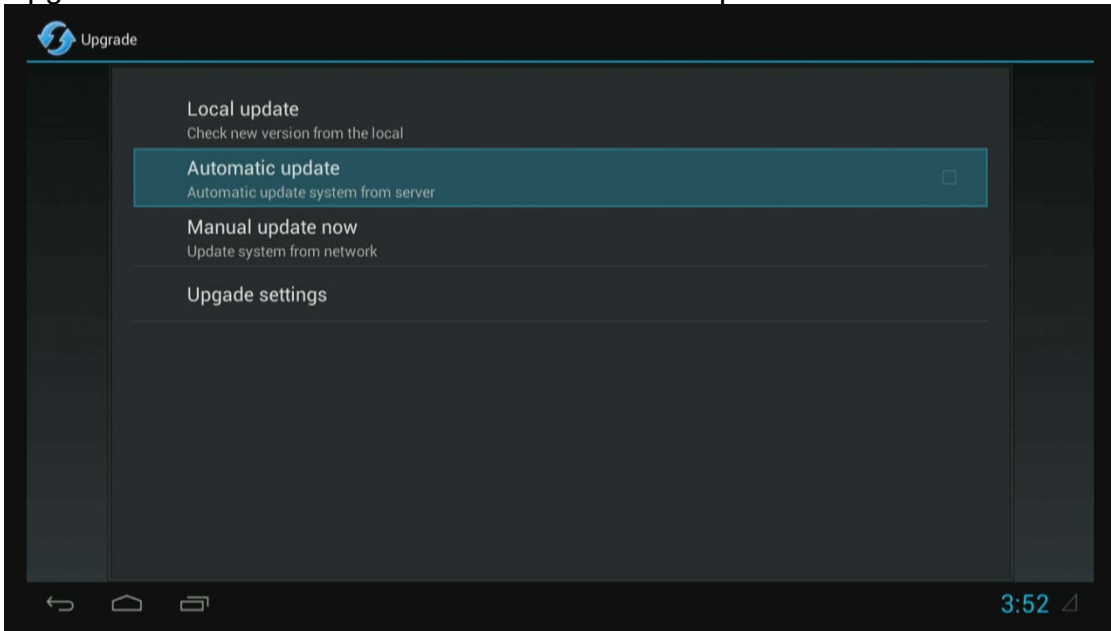


Then, click and open the folder to browse videos, music, pictures and documents inside it.

## Upgrade



Upgrade the firmware from local device or online update server



For more product info please visit [www.mygica.com](http://www.mygica.com) or send email to [support@mygica.com](mailto:support@mygica.com)